

Machine tap for synchronised spindles HSS-E-PM Form C, TiAIN, M: 10X1



Order data

Order number	137180 10X1
GTIN	4045197705266
Item class	11H

Description

Version:

Sturdy version with right-hand helix and shank to DIN 1835-B. Special geometry for **general-purpose use** on machines with **synchronised spindle drive.** The tap is controlled by the synchronising spindle of the machine. Special **TiAIN-S coating** for optimum tool life. For use with **emulsion** (fat content minimum 8%).

Note:

For use on synchronised spindles, the GARANT quick-change tapping chuck No. 338100 – 338121 with minimum length adjustment (MLA) ensures very high process reliability.

Thread type: MF

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm Overall length L: 90 mm Shank Ø D_s: 10 mm Shank square □: 8 mm Tapping hole Ø: 9 mm

Technical description

Tapping hole ∅	9 mm
Number of cutting edges Z	3
Thread pitch	1 mm
Number of clamping slots	3
Thread Ø	10 mm

Overall length L 90 mm Shank square □ 8 mm Tolerance class ISO 2X 6HX Tool material HSS E PM Standard Manufacturer's standard Thread depth 30 mm Thread stype MF Thread size M10×1 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 40 degrees Shank DIN 1835 B with h6 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Machine tap for synchronous machining Colour ring green Type of product Tap	Shank Ø D _s	10 mm
Tolerance class Tool material Tool material Standard Manufacturer's standard Thread depth 30 mm Thread type MF Thread size M10×1 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle Shank DIN 1835 B with h6 Through-coolant Application for type of drilling Cutting direction Shank tolerance Type of threading tool Colour ring General Standard Application or synchronous machining Colour ring General Colour ring General Machine tap for synchronous machining General Machine tap for synchronous machining General Colour ring General Machine tap for synchronous machining General Colour ring General Colour ring General Machine tap for synchronous machining General Colour ring General Colour ring General Colour ring General Colour ring Colour ring General Colour ring Colour	Overall length L	90 mm
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Type of threading tool Colour ring Machine tap for synchronous machining green	Cutting direction	right-hand
Colour ring synchronous machining green	Shank tolerance	h6
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Type of product Tap	Colour ring	green
	Type of product	Тар